

Title (en)
DEVICE FOR PRESSING

Title (de)
VORRICHTUNG ZUM PRESSEN

Title (fr)
DISPOSITIF DE PRESSAGE

Publication
EP 3831588 A1 20210609 (DE)

Application
EP 20193787 A 20200901

Priority
DE 102019132707 A 20191202

Abstract (en)
[origin: US2021162696A1] A pressing apparatus in a manner of a cage-type screw press, wherein the strainer cage is split up into a plurality of strainer-cage segments. The strainer-cage segments can be sealed along their adjacent sides with the aid of sealing devices so that liquids and solids are effectively prevented from escaping from the gaps between the strainer-cage segments.

Abstract (de)
Die Erfindung betrifft eine Vorrichtung zum Pressen im Sinne einer Seiher-Schneckenpresse, wobei der Seiherkorb in mehrere Seiherkorbsegmente (4) aufgeteilt ist. Die Seiherkorbsegmente (4) sind an ihren aneinandergrenzenden Seiten mithilfe von erfindungsgemäßen Dichtvorrichtungen (10) abdichtbar, sodass ein Austreten von Flüssigkeiten und Feststoffen aus den Spalten zwischen den Seiherkorbsegmenten effektiv verhindert ist.

IPC 8 full level
B30B 9/26 (2006.01)

CPC (source: CN EP US)
B30B 9/12 (2013.01 - CN); **B30B 9/14** (2013.01 - US); **B30B 9/16** (2013.01 - CN); **B30B 9/18** (2013.01 - US); **B30B 9/26** (2013.01 - CN EP); **B30B 9/267** (2013.01 - CN EP US)

Citation (search report)

- [XY] WO 2015179984 A1 20151203 - GREENFIELD SPECIALTY ALCOHOLS INC [CA]
- [X] WO 2015189271 A1 20151217 - HITACHI ZOSEN INOVA AG [CH]
- [X] DE 102011111527 A1 20130228 - MANN & HUMMEL GMBH [DE]
- [Y] HR P20110924 A2 20131206 - MARUSIC VLATKO [HR]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3831588 A1 20210609; **EP 3831588 B1 20240320**; CN 112976644 A 20210618; DE 102019132707 A1 20210602; DK 3831588 T3 20240610; RS 65667 B1 20240731; US 11731382 B2 20230822; US 2021162696 A1 20210603

DOCDB simple family (application)
EP 20193787 A 20200901; CN 202011360649 A 20201127; DE 102019132707 A 20191202; DK 20193787 T 20200901; RS P20240649 A 20200901; US 202017106768 A 20201130